

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A rust inhibitor prepared by admixing zinc and aluminum formed to have a flaky shape to a modified silicone resin solution.
2. (New) A rust inhibitor according to claim 1, wherein the zinc and aluminum are manufactured with a stamping mill and formed to have a flaky shape.
3. (New) A rust inhibitor according to claim 1, wherein the size of the zinc and aluminum formed to have a flaky shape is 150-300 mesh.
4. (New) A rust inhibitor according to claim 1, wherein the modified silicone resin solution has two types of the functional groups with different reactivity.
5. (New) A rust inhibitor according to claim 1, wherein the modified silicone resin solution comprises an organosilane-type silicone resin.
6. (New) A rust inhibitor according to claim 1, wherein the modified silicone resin solution comprises an alkoxy oligomer having an alkoxysilyl group (Si-OR).
7. (New) A rust inhibitor according to claim 1, wherein the modified silicone resin solution comprises a demethanolization-curable methyl-type silicone resin.
8. (New) A rust inhibitor according to claim 1, wherein the modified silicone resin solution comprises an oligomer-type silane coupling agent.
9. (New) A rust inhibitor according to claim 1, wherein the modified silicone resin solution comprises a curing catalyst.

10. (New) A rust inhibitor according to claim 1, wherein the modified silicone resin solution comprises an aluminum alkoxide (Al(OR)_3).
11. (New) A rust inhibitor according to claim 10, wherein the modified silicone resin solution further comprises at least one alcohol.
12. (New) A rust inhibitor according to claim 1, wherein the viscosity of the modified silicone resin solution is 22-25 mm^2/S at a temperature of 25°C.
13. (New) A method of inhibiting the formation of rust comprising:
 - preparing zinc and aluminum formed to have a flaky shape;
 - preparing a rust inhibitor by mixing the zinc and aluminum formed to have a flaky shape to a modified silicone resin solution;
 - coating an iron or steel structure with the rust inhibitor; and
 - drying the coated rust inhibitor.